

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/IL2004/000507

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N5/06 A61K35/12 A61K38/17 A61K35/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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2	P,X	ZHANG PEILIN ET AL: "Enhancement of oligodendrocyte differentiation from murine embryonic stem cells by an activator of gp130 signaling." STEM CELLS (DAYTON, OHIO) 2004, vol. 22, no. 3, 2004, pages 344-354, XP009035185 ISSN: 1066-5099 the whole document	1-53
5	P,X	WO 03/059376 A (YEDA RESEARCH AND DEV CO LTD ; LEVY ALON (IL); CHEBATH JUDITH (IL); HAG) 24 July 2003 (2003-07-24) the whole document	1-53

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

29 September 2004

Date of mailing of the international search report

15. 10. 04

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Mossier, B

C/(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
1	<p>X VALERIO A ET AL: "A SOLUBLE INTERLEUKIN-6 (IL-6) RECEPTOR/IL-6 FUSION PROTEIN ENHANCES THE IN VITRO DIFFERENTIATION OF RAT OLIGODENDROCYTES" ABSTRACTS OF THE SOCIETY FOR NEUROSCIENCE, SOCIETY FOR NEUROSCIENCE, WASHINGTON, DC, US, vol. 27, no. 2, 2001, page 2381, XP001146998 ISSN: 0190-5295</p> <p>Y the whole document</p>	<p>10</p> <p>1-9, 11-53</p>
2	<p>Y BRÜSTLE O ET AL: "Embryonic stem cell-derived glial precursors: a source of myelinating transplants." SCIENCE. 30 JUL 1999, vol. 285, no. 5428, 30 July 1999 (1999-07-30), pages 754-756, XP002292501 ISSN: 0036-8075 cited in the application the whole document</p>	1-53
2	<p>Y GAGE F H: "Mammalian neural stem cells." SCIENCE. 25 FEB 2000, vol. 287, no. 5457, 25 February 2000 (2000-02-25), pages 1433-1438, XP002292502 ISSN: 0036-8075 abstract; figure 1</p>	1-53
2	<p>X BILLON NATHALIE ET AL: "Normal timing of oligodendrocyte development from genetically engineered, lineage-selectable mouse ES cells." JOURNAL OF CELL SCIENCE. 15 SEP 2002, vol. 115, no. Pt 18, 15 September 2002 (2002-09-15), pages 3657-3665, XP002292503 ISSN: 0021-9533</p> <p>A the whole document</p>	<p>10</p> <p>1-9, 11-53</p>
3	<p>A WO 00/78331 A (BOSCHERT URSULA ; CHEBATH JUDITH (IL); REVEL MICHEL (IL); YEDA RES & D) 28 December 2000 (2000-12-28) cited in the application page 4, line 30 - page 7, line 12 page 7, line 29 - page 9, line 3; claims 1-10; examples 1,3,5</p>	1-53
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
2	A STANKOFF BRUNO ET AL: "Ciliary neurotrophic factor (CNTF) enhances myelin formation: a novel role for CNTF and CNTF-related molecules." THE JOURNAL OF NEUROSCIENCE : THE OFFICIAL JOURNAL OF THE SOCIETY FOR NEUROSCIENCE. 1 NOV 2002, vol. 22; no. 21, 1 November 2002 (2002-11-01), pages 9221-9227, XP002292518 ISSN: 1529-2401 abstract	1-53
2	A NICHOLS J ET AL: "Derivation of germline competent embryonic stem cells with a combination of interleukin-6 and soluble interleukin-6 receptor." EXPERIMENTAL CELL RESEARCH. NOV 1994, vol. 215, no. 1, November 1994 (1994-11), pages 237-239, XP002292519 ISSN: 0014-4827 abstract	1-53
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03059376	A	24-07-2003	EP 1461066 A1	29-09-2004
			WO 03059376 A1	24-07-2003
WO 0078331	A	28-12-2000	AU 5423100 A	09-01-2001
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			EE 200100689 A	17-02-2003
			EP 1185293 A2	13-03-2002
			WO 0078331 A2	28-12-2000
			JP 2003502382 T	21-01-2003
			NO 20015673 A	17-12-2001
			ZA 200109488 A	18-11-2002